Title (en)
SELF-PROPELLED ROBOT FOR THE HANDLING OF EXPLOSIVE CHARGES

Title (de)
SELBSTFAHRROBOTER FÜR DEN UMGANG MIT SPRENGLADUNGEN

Title (fr)
ROBOT AUTOPROPULSE POUR LA MANIPULATION DE CHARGES EXPLOSIVES

Publication
EP 1757409 A1 20070228 (EN)

Application
EP 05734327 A 20050406

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Abstract (en)
The invention relates to a self-propelled robot which is used to handle explosive charges and which is of the type that is remote controlled by means of a control console. The inventive robot can be used to handle explosive devices and charges as well as perform special, dangerous operations. According to the invention, the self-propelled robot (1) comprises movement means which are defined by two lateral caterpillar running gears (2) having adjustable running sides, with an adjustable-length scraper (3) being disposed at the rear thereof. The invention also comprises an articulated arm (4) having a first segment (7) which takes the form of a fork that is actuated by a pair of cylinders (6) and which terminates in a clamp (5).

IPC 8 full level
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